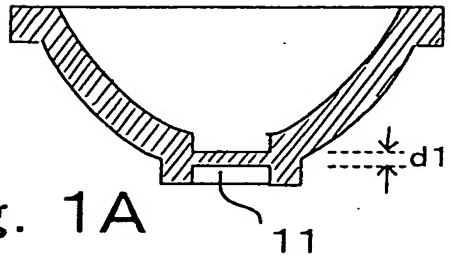


Fig. 1A

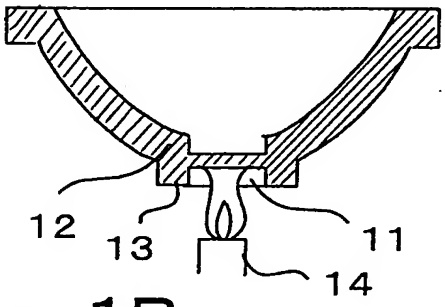


Fig. 1B

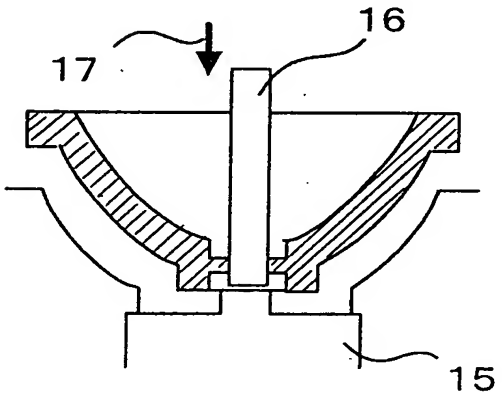


Fig. 1C

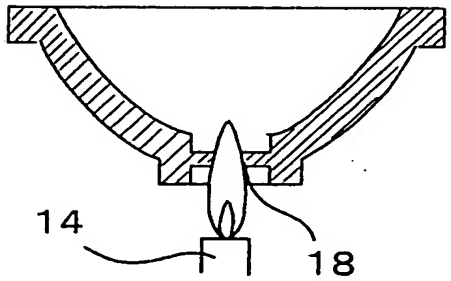


Fig. 1D

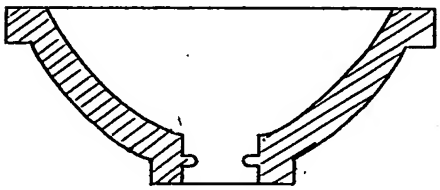


Fig. 1E

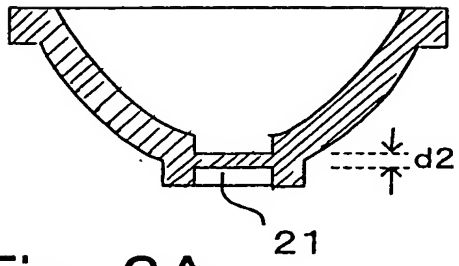


Fig. 2A

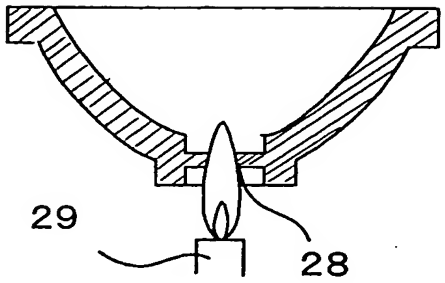


Fig. 2C

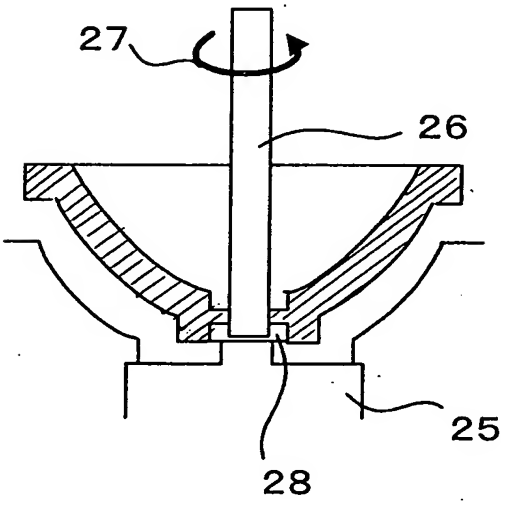


Fig. 2B

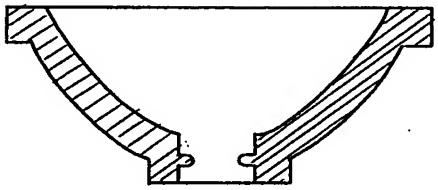


Fig. 2D

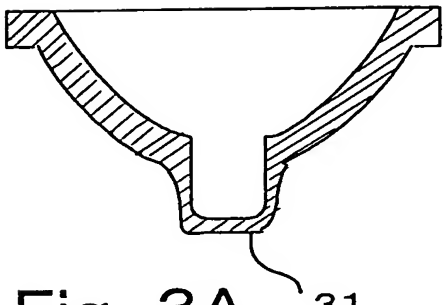


Fig. 3A

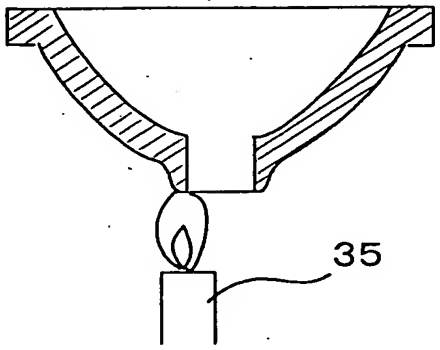


Fig. 3C

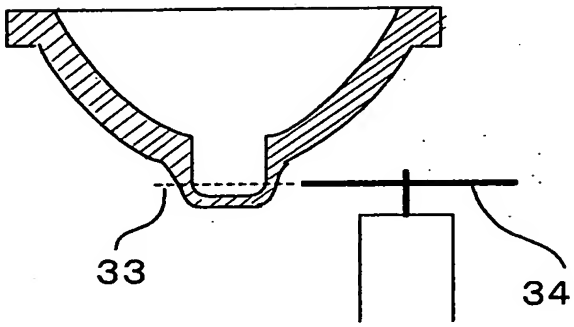


Fig. 3B

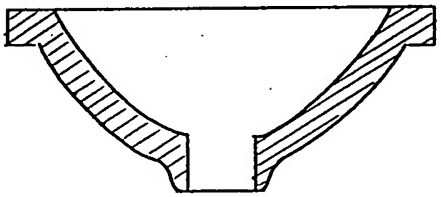


Fig. 3D

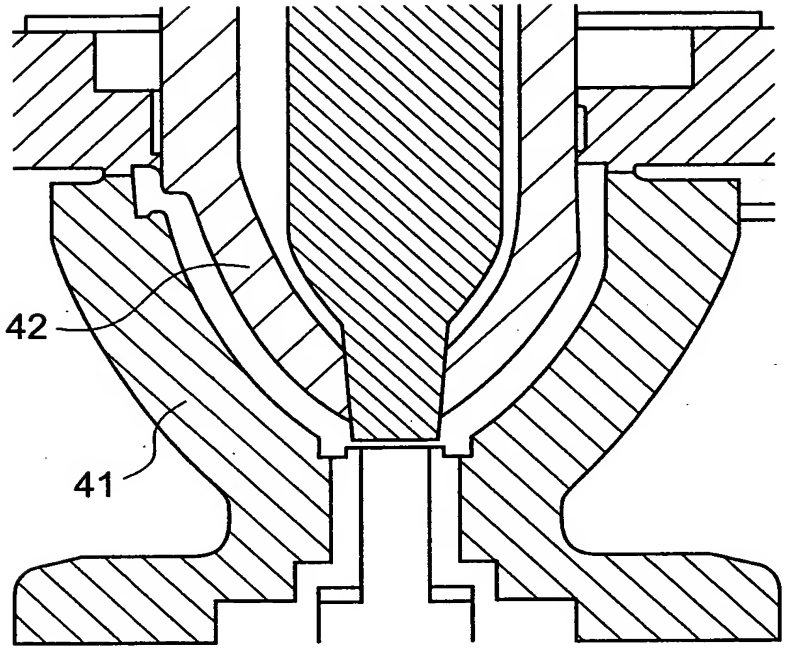
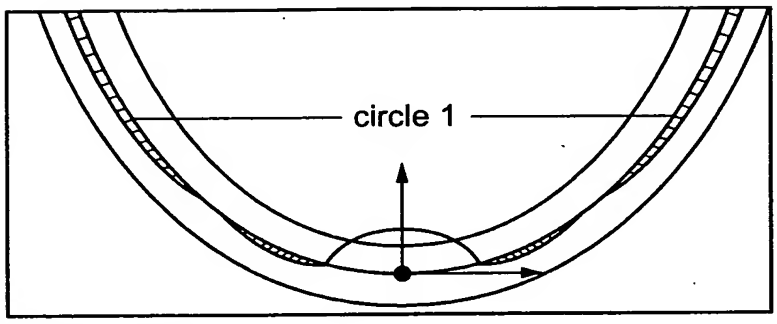


Fig. 4

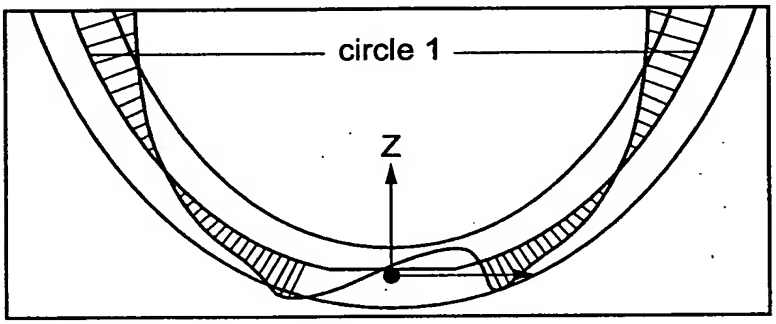
	Embodiment1		Embodiment2		Embodiment3		Comparison Ex.1		Comparison Ex.2		Comparison Ex.3
glass	A	B	A	B	A	B	A	B	A	B	crystallized
Mechanical damage	none	none	none	none	none	none	occur	occur	occur	occur	occur
Reflective surface accuracy(±μm)	16	18	12	13	16	18	13	13	16	17	70
Mean intensity of illumination of each projection face(1x)	5331	5256	5251	5255	5228	5181	5280	5250	5209	5181	5046
	106%	104%	104%	104%	104%	103%	105%	104%	103%	103%	100% ←51
Lighting evaluation (450°C)											
50H	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10
100H	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10
300H	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10
500H	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10	0/10
1000H	0/10	0/10	0/10	0/10	0/10	0/10	1/10	1/10	1/10	0/10	0/10
1500H	0/10	0/10	0/10	0/10	0/10	0/10	2/10	3/10	1/10	1/10	0/10
2000H	0/10	0/10	0/10	0/10	0/10	0/10	2/10	3/10	2/10	1/10	0/10
Lighting evaluation (550°C)											
50H	0/10	0/10	0/10	0/10	0/10	0/10	3/10	5/10	4/10	6/10	0/10
100H	0/10	0/10	0/10	0/10	0/10	0/10	10/10	10/10	10/10	9/10	0/10
300H	0/10	0/10	0/10	0/10	0/10	0/10	10/10	10/10	10/10	10/10	0/10
500H	0/10	0/10	0/10	0/10	0/10	0/10	10/10	10/10	10/10	10/10	0/10
1000H	0/10	0/10	0/10	0/10	0/10	0/10	10/10	10/10	10/10	10/10	0/10
1500H	0/10	0/10	0/10	1/10	0/10	0/10	10/10	10/10	10/10	10/10	0/10
2000H	0/10	1/10	1/10	2/10	0/10	1/10	10/10	10/10	10/10	10/10	0/10

Fig. 5



Embodiment 1(A)
borosilicate glass

Fig. 6



Comparison Example 3
crystallized glass

Fig. 7

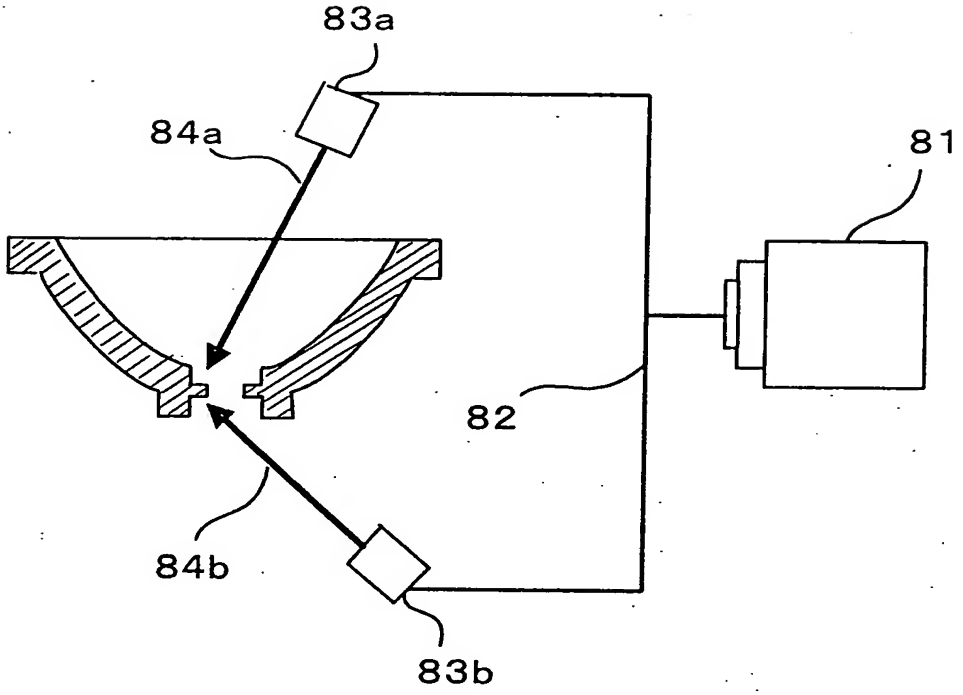


Fig. 8